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Design of FIR notch filters by using **Bernstein** polynomials

SB JAIN, B KUMAR, SCD ROY - International journal of circuit theory and applications, 1997 - cat.inist.fr

... In this paper, **Bernstein** polynomials have been used ... notch filters which are maximally

flat at ω ... Filtre réponse impulsion finie; **Finite impulse** response filter ...

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Design of linear phase FIR filters with a maximally **flat** passband - all 2 versions »

MT Hanna - Circuits and Systems II: Analog and Digital Signal ..., 1996 - ieeexplore.ieee.org

... of odd and even length N of the real **finite impulse** response is (n ... Rajagopal and

Dutta Roy used **Bernstein** polynomials for designing maximally **flat** low-pass ...

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Closed-form design of maximally **flat** FIR Hilbert transformers, differentiators, and fractional ...

SC Pei, PH Wang - Circuits and Systems I: Fundamental Theory and Applications, ..., 2001 - ieeexplore.ieee.org

... Case 4 maximally **flat** (MF) FIR HTs were derived. These expressions with double

summations are computed by using a generalization of the **Bernstein** polyno- mial. ...

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Design and multiplierless realization of maximally **flat** FIR digitalHilbert transformers - all 2 versions »

S Samadi, Y Igarashi, H Iwakura - Signal Processing, IEEE Transactions on [see also Acoustics, ..., 1999 - ieeexplore.ieee.org

... and multiplierless realization of maximally **flat** FIR digitalHilbert ... realization of type-3 **finite impulse** response (FIR ... method based on **Bernstein** polynomials and ...

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Analytical design of 3-D wavelet filter banks using themultivariate **Bernstein** polynomial - all 3 versions »

DBH Tay - Vision, Image and Signal Processing, IEE Proceedings-, 2000 - ieeexplore.ieee.org

... of flatness in the frequency response (**flat** filters have ... of a zero-phase FIR (**finite impulse** response) filter ... the characteristics of the **Bernstein** polynomial. ...

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Filter-generating systems - all 2 versions »

S Samadi, A Nishihara, H Iwakura - Circuits and Systems II: Analog and Digital Signal ..., 2000 - ieeexplore.ieee.org

... existing in some classes of **finite-impulse** response (FIR ... it is shown that using the **Bernstein** approximation, the ... function of low-pass maximally **flat** filters can ...

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Multiplierless and hierarchical structures for maximally flathalf-band FIR filters

S Samadi, H Iwakura, A Nishihara - Circuits and Systems II: Analog and Digital Signal ..., 1999 - ieeexplore.ieee.org

... the transfer function of linear-phase **finite impulse** response (FIR ... Using that circuit, a maximally **flat** low-pass or ... It is based on the **Bernstein** polynomials [8 ...

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Closed-form design of maximally flat FIR Hilbert transformers, differentiators, and fractional ...

SC Pei, PH Wang - Circuits and Systems I: Fundamental Theory and Applications, ..., 2001 - [ieeexplore.ieee.org](#)

... Case 4 maximally flat (MF) FIR HTs were derived. These expressions with double summations are computed by using a generalization of the Bernstein polynomial. ...

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Analytical design of 3-D wavelet filter banks using the multivariate Bernstein polynomial - all 3 versions »

DBH Tay - Vision, Image and Signal Processing, IEE Proceedings-, 2000 - [ieeexplore.ieee.org](#)

... of flatness in the frequency response (flat filters have ... of a zero-phase FIR (finite impulse response) filter ... the characteristics of the Bernstein polynomial. ...

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Explicit formulae for coefficients of 2D circular symmetric MAXFLATFIR low/high pass digital filters - all 2 versions »

IR Khan, R Ohba - Electronics Letters, 2001 - [ieeexplore.ieee.org](#)

... FIR filters using the Bernstein polynomial', IEEE ... of two-dimensional maximally flat diamond-shaped half-band finite impulse response filters ...

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Design of arbitrary cutoff 2-D diamond-shaped FIR filters using the Bernstein polynomial

SC Pei, PH Wang - Signal Processing Letters, IEEE, 2000 - [ieeexplore.ieee.org](#)

... linear-phase, diamond-shaped (DS) finite impulse response (FIR ... approximated by a 2-D Bernstein polynomial, the ... The resultant magnitude responses are flat in the ...

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High-speed dual-modulus prescaler architecture for programmable digital frequency dividers - all 2 versions »

E Tournier, M Sie, J Graffeuil - Electronics Letters, 2001 - [ieeexplore.ieee.org](#)

... and NISHIHARA, A.: 'Maximally flat half-band ... FIR filters using the Bernstein polynomial', IEEE ... diamond-shaped half-band finite impulse response filters ...

Cited by 8 - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

FIR Notch Filter Design-A Review

SCD Roy, B Kumar, SB Jain - Facta Universitatis (NiJ), Series Electronics and Energetics, 2001 - [factaee.elfak.ni.ac.yu](#)

... impulse response (IIR) as well as finite impulse response (FIR ... on the use of (i) Bernstein polynomials, and (ii ... been exploited to obtain maximally flat FIR notch ...

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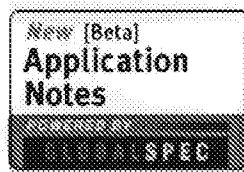
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IET JNL IET Journal or Magazine

IEEE CNF IEEE Conference Proceeding

IET CNF IET Conference Proceeding

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Soo-Chang Pei; Peng-Hua Wang;
[Signal Processing Letters, IEEE](#)
Volume 7, Issue 11, Nov. 2000 Page(s):310 - 313
Digital Object Identifier 10.1109/97.873567
[AbstractPlus](#) | [References](#) | Full Text: [PDF\(204 KB\)](#) IEEE JNL
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- ☐ 2. **Design and multiplierless realization of maximally flat FIR digital Hilbert**
Samadi, S.; Igarashi, Y.; Iwakura, H.;
[Signal Processing, IEEE Transactions on \[see also Acoustics, Speech, and S](#)
[Transactions on\]](#)
Volume 47, Issue 7, July 1999 Page(s):1946 - 1953
Digital Object Identifier 10.1109/78.771043
[AbstractPlus](#) | [References](#) | Full Text: [PDF\(208 KB\)](#) IEEE JNL
[Rights and Permissions](#)
- ☐ 3. **Maximally flat FIR filters**
Cooklev, T.; Nishihara, A.;
[Circuits and Systems, 1993. ISCAS '93. 1993 IEEE International Symposium](#)
[3-6 May 1993 Page\(s\):96 - 99 vol.1](#)
Digital Object Identifier 10.1109/ISCAS.1993.393666
[AbstractPlus](#) | Full Text: [PDF\(348 KB\)](#) IEEE CNF
[Rights and Permissions](#)
- ☐ 4. **Design of maximally-flat FIR filters using the Bernstein polynomial**
Rajagopal, L.; Roy, S.D.;
[Circuits and Systems, IEEE Transactions on](#)
Volume 34, Issue 12, Dec 1987 Page(s):1587 - 1590
[AbstractPlus](#) | Full Text: [PDF\(440 KB\)](#) IEEE JNL
[Rights and Permissions](#)
- ☐ 5. **Maximally Flat FIR Filters**
Cooklev, T.; Nishihara, A.;